

IN THE CLAIMS:

Please amend the claims as follows:

Claim 1 (Currently Amended): An information recording apparatus comprising:

a light source which emits a recording light for information recording based on an input signal;

a strategy signal generating unit which generates a strategy signal indicating a driving signal waveform obtained by modulating a recording signal having a mark portion and a space portion in accordance with a length of the recording mark portion;

a correction signal generating unit which generates a correction signal for offsetting a tilt of a waveform level of the recording light; and

a driving signal generating unit which generates a corrected driving signal for correcting the tilt of the waveform level of the recording light based on the strategy signal and the correction signal, and supplies the corrected driving signal to the light source as the input signal, wherein the driving signal generating unit synthesizes a signal obtained by switching the correction signal based on the strategy signal and a bias power signal indicating a bias power to generate the corrected driving signal.

Claim 2 (Original): The information recording apparatus according to claim 1, wherein the correction signal generating unit comprises:

a tilt signal generating unit which generates a tilt signal having a tilt corresponding to a write power in the mark portion of the recording signal, and